Amendments to the Specification:

Please add the following heading immediately below the title on page 1:

BACKGROUND

Please delete the paragraph beginning on page 2, line 27, which starts with "It is, therefore, an object of the present invention... ".

Please delete the paragraph beginning on page 2, line 32, which starts with "According to the present invention ... ".

Please replace the paragraph beginning at page 3, line 1 with the following heading and amended paragraph:

SUMMARY

According to one aspect of the invention, the driving elements causing relative movement of the bristle support segments comprise a cam control surface as well as an engagement element cooperating therewith, which are provided on the brush head support and at least one bristle support segment in order to move this at least one bristle support segment correspondingly when the bristle support moves about its axis of motion. For achieving the desired motion of the bristle support segment, it is thus not necessary to provide an elaborate crank mechanism mounted on the shaft. By providing a cam surface, the basic movement of the entire bristle support relative to the brush head support is utilized for additionally driving individual bristle support segments, so that these individual bristle support segments execute an additional movement that is superposed upon the basic movement of the bristle support. Crankpins with weld-on tappets can be omitted.

Please replace the paragraph beginning at page 3, line 30 with the following amended paragraph:

In some embodiments, the ~~The~~ bristle support possesses at least one rigid bristle support segment that executes only the rotary movement or basic movement, as well as at least one movable bristle support segment that executes the basic movement plus a poking movement. In a further aspect of the invention it is also possible for several bristle support segments, preferably one pair of bristle support segments arranged at diametrically opposite sides on the bristle support, to be movably mounted and to be driven by the cam control in dependence upon the rotary position of the bristle support. With this construction, the corresponding cam control surface may include several sections, whereof a respective one of said sections is associated with one of the driven bristle support segments.

Please replace the paragraph beginning at page 5, line 19 with the following amended paragraph:

In the event of several bristle support segments being driven by the cam control, the bristle support segments are preferably raised or lowered in the same timed sequence, that is, raising takes place in concert, and so does lowering. ~~This is precisely the opposite of what is proposed by EP 1 093 770. During a poking stroke of the power tips disposed on the one side, the rocker therein described causes at the same time retraction of the power tips disposed on the other side. Simultaneous raising is not accomplishable.~~

Please replace the paragraph beginning at page 7, line 3 with the following amended paragraph and heading:

Further objects, advantages, features and application possibilities of the present invention will become apparent from the subsequent description of preferred embodiments illustrated in the accompanying drawings. ~~It will be understood that any single feature or any meaningful combination of single features described and/or represented by illustration form the subject-~~

~~matter of the present invention, irrespective of their summary in the claims or their back-references. In the drawings,~~

BRIEF DESCRIPTION OF THE DRAWINGS

Please replace the paragraph beginning at page 7, line 9 with the following amended paragraph:

FIG. 1 is a perspective view of a brush head of an electric toothbrush having a disk-shaped bristle support that is adapted to be driven in an oscillatory rotating manner and includes two movably mounted bristle support segments adapted to swivel about transverse axes~~, in accordance with a first preferred embodiment of the invention~~;

Please replace the paragraph beginning at page 7, line 20 with the following amended paragraph:

FIG. 4 is a perspective view of a brush head of ~~an~~ another electric toothbrush, ~~according to another preferred embodiment of the invention~~ in which the bristle support adapted to be driven in an oscillatory rotating manner includes two bristle support segments mounted for swivel movement about a radial axis, the view showing a cam control of the movably mounted bristle support segments;

Please add the following header immediately before the paragraph beginning at page 8, line 1:

DETAILED DESCRIPTION

Please replace the paragraph beginning at page 10, line 22 with the following amended paragraph:

The brush head 1 ~~according to another preferred embodiment of the invention~~ shown in FIGS. 4 to 7 comprises likewise an essentially disk- or plate-shaped bristle support 2 mounted for rotation on an elongate brush head support 3. Similar to the previously described

embodiment, the brush head support 3 comprises a brush tube 4 and a bristle support mounting structure 5 receiving the bristle support 2 or mounting it rotatably. The bristle support 2 is adapted to be driven in the manner previously described, meaning in an oscillatory rotating manner about the axis of rotation 6 which is perpendicular to the plane of the bristle support and perpendicular to the longitudinal axis of the brush head 1. For this purpose and as described in the foregoing, a corresponding driving element and, as the case may be, a gearing may be arranged in the interior of the brush head support 3.

Please replace the paragraph beginning at page 12, line 9 with the following amended paragraph:

The bristle support segments 9 have on their underside close to the brush tube 4 a respective engagement element 21 for engagement, in particular sliding engagement, with the respective cam control surface 20. In the embodiment shown, ~~serving as~~ the engagement element is ~~directly~~ the underside of the bristle support segments 9 itself, which is curved in convex shape in such manner as to be in intimate engagement with the cam control surface (~~cf.~~ FIG. 7). Conveniently, the bristle support segment 9 extends in the circumferential direction of the bristle support 2 over a greater length than the cam control surface 20 (~~cf.~~ FIG. 7). In the embodiment of FIGS. 4 to 7, the cam control 19 is configured such that in the neutral position of the bristle support 2, that is, when it is in a mid-position of its oscillating rotation shown in FIG. 7, the bristle support segments 9 are non-displaced. By contrast, the maximum stroke motion, that is, the maximum amount of displacement of the bristle support segments 9 about the radial axis 18, takes place in the maximum rotated position of the bristle support 2. As this occurs, the two bristle support segments 9 are turned in opposing directions (~~cf.~~ FIG. 4). Considering however that the two bristle support segments 9 carry bristle tufts on either side of the radial axis 18, a bristle tuft stroke motion results on both bristle support segments 9 in the same timed sequence, that is, the power tips on opposed sides of the bristle support 2 are raised at the same time to poke into the interproximal spaces.

Please replace the abstract at page 17 with the following amended abstract:

~~The invention is directed to a~~ A brush head for a toothbrush~~, which~~ includes a handpiece with a drive mechanism for the brush head, ~~with an in particular disk- or plate-shaped~~ in which a bristle support ~~which carries~~ carrying an array of bristles~~,~~ is mounted for movement on a brush head support and includes connecting elements for coupling to the drive mechanism in the handpiece of the toothbrush. The~~, said~~ bristle support ~~being~~ is divided into several bristle support segments movable relative to each other, and with driving elements changing the position of the bristle support segments relative to each other in dependence upon the position of the entire bristle support. ~~According to the invention the~~ The driving elements causing relative movement of the bristle support segments comprise a cam control surface ~~as well as an engagement element cooperating therewith, which are provided on the brush head support and at least one bristle support segment in order to move said at least one bristle support segment correspondingly on movement of the bristle support about its axis of motion. By providing a cam surface, the~~ The basic movement of the entire bristle support relative to the brush head support ~~is utilized for~~ additionally ~~driving~~ drives individual bristle support segments~~, so that these individual bristle support segments~~ to execute an additional movement that is superposed upon the basic movement of the bristle support.